

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 101520,730
Source: IEP/UP
Date Processed by STIC: 8/21/06

ENTERED



IFWP

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/520,730

DATE: 08/21/2006

TIME: 14:59:47

Input Set : A:\SEQLIST.TXT

Output Set: N:\CRF4\08212006\J520730.raw

4 <110> APPLICANT: BOUGUELERET Lydie
 5 JEANDENANS Catherine
 6 PARDO Bruno
 8 <120> TITLE OF INVENTION: SECRETED POLYPEPTIDE SPECIES ASSOCIATED
 9 WITH CARDIOVASCULAR DISORDERS
 12 <130> FILE REFERENCE: DV/4-33620A/GEP
 14 <140> CURRENT APPLICATION NUMBER: 10/520,730
 15 <141> CURRENT FILING DATE: 2005-01-07
 17 <150> PRIOR APPLICATION NUMBER: 60/394,576
 18 <151> PRIOR FILING DATE: 2002-07-08
 20 <150> PRIOR APPLICATION NUMBER: 60/438,664
 21 <151> PRIOR FILING DATE: 2003-01-07
 23 <150> PRIOR APPLICATION NUMBER: PCT/EP03/006766
 24 <151> PRIOR FILING DATE: 2003-06-26
 26 <160> NUMBER OF SEQ ID NOS: 14
 28 <170> SOFTWARE: FastSEQ for Windows Version 4.0
 30 <210> SEQ ID NO: 1
 31 <211> LENGTH: 227
 32 <212> TYPE: PRT
 33 <213> ORGANISM: Homo sapiens
 35 <220> FEATURE:
 36 <221> NAME/KEY: PROPEP
 37 <222> LOCATION: (1)...(227)
 38 <223> OTHER INFORMATION: Sequence of CPP 10, the precursor of amino acid
 39 sequences of the polypeptides present in plasma
 40 samples of individuals with coronary artery
 41 disease.
 43 <221> NAME/KEY: SIGNAL
 44 <222> LOCATION: (1)...(22)
 W--> 46 <221> SIMILAR
 47 <222> LOCATION: (109)...(109)
 48 <223> OTHER INFORMATION: Conserved Glu83 in cis (PEBP_HUMAN numbering)
 W--> 50 <221> BINDING
 51 <222> LOCATION: (146)...(149)
 W--> 53 <221> BINDING
 54 <222> LOCATION: (96)...(100)
 W--> 56 <221> DISULFID
 57 <222> LOCATION: (43)...(64)
 W--> 59 <221> DISULFID
 60 <222> LOCATION: (30)...(58)
 W--> 62 <400> 1
 63 Met Gly Trp Thr Met Arg Leu Val Thr Ala Ala Leu Leu Leu Gly Leu
 64 -20 -15 -10

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65 Met Met Val Val Thr Gly Asp Glu Asn Ser Pro Cys Ala His
66      -5           1           5           10
67 Glu Ala Leu Leu Asp Glu Asp Thr Leu Phe Cys Gln Gly Leu Glu Val
68          15          20          25
69 Phe Tyr Pro Glu Leu Gly Asn Ile Gly Cys Lys Val Val Pro Asp Cys
70          30          35          40
71 Asn Asn Tyr Arg Gln Lys Ile Thr Ser Trp Met Glu Pro Ile Val Lys
72          45          50          55
73 Phe Pro Gly Ala Val Asp Gly Ala Thr Tyr Ile Leu Val Met Val Asp
74          60          65          70
75 Pro Asp Ala Pro Ser Arg Ala Glu Pro Arg Gln Arg Phe Trp Arg His
76 75          80          85          90
77 Trp Leu Val Thr Asp Ile Lys Gly Ala Asp Leu Lys Glu Gly Lys Ile
78          95          100         105
79 Gln Gly Gln Glu Leu Ser Ala Tyr Gln Ala Pro Ser Pro Pro Ala His
80          110         115         120
81 Ser Gly Phe His Arg Tyr Gln Phe Phe Val Tyr Leu Gln Glu Gly Lys
82          125         130         135
83 Val Ile Ser Leu Leu Pro Lys Glu Asn Lys Thr Arg Gly Ser Trp Lys
84          140         145         150
85 Met Asp Arg Phe Leu Asn Arg Phe His Leu Gly Glu Pro Glu Ala Ser
86 155          160         165         170
87 Thr Gln Phe Met Thr Gln Asn Tyr Gln Asp Ser Pro Thr Leu Gln Ala
88          175         180         185
89 Pro Arg Gly Arg Ala Ser Glu Pro Lys His Lys Asn Gln Ala Glu Ile
90          190         195         200
91 Ala Ala Cys
92          205
95 <210> SEQ ID NO: 2
96 <211> LENGTH: 205
97 <212> TYPE: PRT
98 <213> ORGANISM: Homo sapiens
100 <220> FEATURE:
101 <221> NAME/KEY: PEPTIDE
102 <222> LOCATION: (1)...(205)
103 <223> OTHER INFORMATION: Sequence of CPP 10 polypeptide present in plasma
104 samples of individuals with coronary artery
105 disease
107 <221> NAME/KEY: BINDING
108 <222> LOCATION: (74)...(78)
W--> 110 <221> SIMILAR
111 <222> LOCATION: (87)...(87)
112 <223> OTHER INFORMATION: Conserved Glu83 in cis (PEBP_HUMAN numbering)
W--> 114 <221> DISULFID
115 <222> LOCATION: (21)...(42)
W--> 117 <221> DISULFID
118 <222> LOCATION: (8)...(36)
W--> 120 <221> BINDING
121 <222> LOCATION: (124)...(127)

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Input Set : A:\SEQLIST.TXT
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W--> 123 <400> 2
 124 Asp Glu Asp Glu Asn Ser Pro Cys Ala His Glu Ala Leu Leu Asp Glu
 125 1 5 10 15
 126 Asp Thr Leu Phe Cys Gln Gly Leu Glu Val Phe Tyr Pro Glu Leu Gly
 127 20 25 30
 128 Asn Ile Gly Cys Lys Val Val Pro Asp Cys Asn Asn Tyr Arg Gln Lys
 129 35 40 45
 130 Ile Thr Ser Trp Met Glu Pro Ile Val Lys Phe Pro Gly Ala Val Asp
 131 50 55 60
 132 Gly Ala Thr Tyr Ile Leu Val Met Val Asp Pro Asp Ala Pro Ser Arg
 133 65 70 75 80
 134 Ala Glu Pro Arg Gln Arg Phe Trp Arg His Trp Leu Val Thr Asp Ile
 135 85 90 95
 136 Lys Gly Ala Asp Leu Lys Glu Gly Lys Ile Gln Gly Gln Glu Leu Ser
 137 100 105 110
 138 Ala Tyr Gln Ala Pro Ser Pro Pro Ala His Ser Gly Phe His Arg Tyr
 139 115 120 125
 140 Gln Phe Phe Val Tyr Leu Gln Glu Gly Lys Val Ile Ser Leu Leu Pro
 141 130 135 140
 142 Lys Glu Asn Lys Thr Arg Gly Ser Trp Lys Met Asp Arg Phe Leu Asn
 143 145 150 155 160
 144 Arg Phe His Leu Gly Glu Pro Glu Ala Ser Thr Gln Phe Met Thr Gln
 145 165 170 175
 146 Asn Tyr Gln Asp Ser Pro Thr Leu Gln Ala Pro Arg Gly Arg Ala Ser
 147 180 185 190
 148 Glu Pro Lys His Lys Asn Gln Ala Glu Ile Ala Ala Cys
 149 195 200 205
 152 <210> SEQ ID NO: 3
 153 <211> LENGTH: 223
 154 <212> TYPE: PRT
 155 <213> ORGANISM: Homo sapiens
 157 <220> FEATURE:
 158 <221> NAME/KEY: PROPEP
 159 <222> LOCATION: (1)...(223)
 160 <223> OTHER INFORMATION: Sequence of CPP 11, the precursor of amino acid
 161 sequences of the polypeptides present in plasma
 162 samples of individuals with coronary artery
 163 disease
 165 <221> NAME/KEY: SIGNAL
 166 <222> LOCATION: (1)...(22)
 W--> 168 <221> DISULFID
 169 <222> LOCATION: (30)...(58)
 W--> 171 <221> SIMILAR
 172 <222> LOCATION: (109)...(109)
 173 <223> OTHER INFORMATION: Conserved Glu83 in cis (PEBP_HUMAN numbering)
 W--> 175 <221> BINDING
 176 <222> LOCATION: (146)...(149)
 W--> 178 <221> BINDING
 179 <222> LOCATION: (96)...(100)

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PATENT APPLICATION: US/10/520,730

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Input Set : A:\SEQLIST.TXT

Output Set: N:\CRF4\08212006\J520730.raw

W--> 181 <400> 3
 182 Met Gly Trp Thr Met Arg Leu Val Thr Ala Ala Leu Leu Gly Leu
 183 -20 -15 -10
 184 Met Met Val Val Thr Gly Asp Glu Asp Glu Asn Ser Pro Cys Ala His
 185 -5 1 5 10
 186 Glu Ala Leu Leu Asp Glu Asp Thr Leu Phe Cys Gln Gly Leu Glu Val
 187 15 20 25
 188 Phe Tyr Pro Glu Leu Gly Asn Ile Gly Cys Lys Val Val Pro Asp Cys
 189 30 35 40
 190 Asn Asn Tyr Arg Gln Lys Ile Thr Ser Trp Met Glu Pro Ile Val Lys
 191 45 50 55
 192 Phe Pro Gly Ala Val Asp Gly Ala Thr Tyr Ile Leu Val Met Val Asp
 193 60 65 70
 194 Pro Asp Ala Pro Ser Arg Ala Glu Pro Arg Gln Arg Phe Trp Arg His
 195 75 80 85 90
 196 Trp Leu Val Thr Asp Ile Lys Gly Ala Asp Leu Lys Glu Gly Lys Ile
 197 95 100 105
 198 Gln Gly Gln Glu Leu Ser Ala Tyr Gln Ala Pro Ser Pro Pro Ala His
 199 110 115 120
 200 Ser Gly Phe His Arg Tyr Gln Phe Phe Val Tyr Leu Gln Glu Gly Lys
 201 125 130 135
 202 Val Ile Ser Leu Leu Pro Lys Glu Asn Lys Thr Arg Gly Ser Trp Lys
 203 140 145 150
 204 Met Asp Arg Phe Leu Asn Arg Phe His Leu Gly Glu Pro Glu Ala Ser
 205 155 160 165 170
 206 Thr Gln Phe Met Thr Gln Asn Tyr Gln Asp Ser Pro Thr Leu Gln Ala
 207 175 180 185
 208 Pro Arg Gly Arg Ala Ser Glu Pro Lys His Lys Thr Arg Arg Arg
 209 190 195 200
 212 <210> SEQ ID NO: 4
 213 <211> LENGTH: 143
 214 <212> TYPE: PRT
 215 <213> ORGANISM: Homo sapiens
 217 <220> FEATURE:
 218 <221> NAME/KEY: PEPTIDE
 219 <222> LOCATION: (1)...(201)
 220 <223> OTHER INFORMATION: Sequence of CPP 11 polypeptide present in plasma
 221 samples of individuals with coronary artery
 222 disease
 224 <221> NAME/KEY: BINDING
 225 <222> LOCATION: (74)...(78)
 W--> 227 <221> DISULFID
 228 <222> LOCATION: (21)...(42)
 W--> 230 <221> DISULFID
 231 <222> LOCATION: (8)...(36)
 W--> 233 <221> SIMILAR
 234 <222> LOCATION: (87)...(87)
 235 <223> OTHER INFORMATION: Conserved Glu83 in cis (PEBP_HUMAN numbering)
 W--> 237 <221> BINDING

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PATENT APPLICATION: US/10/520,730

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Input Set : A:\SEQLIST.TXT
Output Set: N:\CRF4\08212006\J520730.raw

238 <222> LOCATION: (124) ... (127)
W--> 240 <400> 4
241 Phe Pro Gly Ala Val Asp Gly Ala Thr Tyr Ile Leu Val Met Val Asp
242 1 5 10 15
243 Pro Asp Ala Pro Ser Arg Ala Glu Pro Arg Gln Arg Phe Trp Arg His
244 20 25 30
245 Trp Leu Val Thr Asp Ile Lys Gly Ala Asp Leu Lys Glu Gly Lys Ile
246 35 40 45
247 Gln Gly Gln Glu Leu Ser Ala Tyr Gln Ala Pro Ser Pro Pro Ala His
248 50 55 60
249 Ser Gly Phe His Arg Tyr Gln Phe Phe Val Tyr Leu Gln Glu Gly Lys
250 65 70 75 80
251 Val Ile Ser Leu Leu Pro Lys Glu Asn Lys Thr Arg Gly Ser Trp Lys
252 85 90 95
253 Met Asp Arg Phe Leu Asn Arg Phe His Leu Gly Glu Pro Glu Ala Ser
254 100 105 110
255 Thr Gln Phe Met Thr Gln Asn Tyr Gln Asp Ser Pro Thr Leu Gln Ala
256 115 120 125
257 Pro Arg Gly Arg Ala Ser Glu Pro Lys His Lys Thr Arg Arg Arg
258 130 135 140
261 <210> SEQ ID NO: 5
262 <211> LENGTH: 10
263 <212> TYPE: PRT
264 <213> ORGANISM: Homo sapiens
266 <220> FEATURE:
267 <221> NAME/KEY: PEPTIDE
268 <222> LOCATION: (1)...(10)
269 <223> OTHER INFORMATION: Tryptic peptide found by tandem mass spectrometry
270 in plasma samples of individuals with coronary
271 artery disease
273 <400> SEQUENCE: 5
274 Ile Thr Ser Trp Met Glu Pro Ile Val Lys
275 1 5 10
278 <210> SEQ ID NO: 6
279 <211> LENGTH: 22
280 <212> TYPE: PRT
281 <213> ORGANISM: Homo sapiens
283 <220> FEATURE:
284 <221> NAME/KEY: PEPTIDE
285 <222> LOCATION: (1)...(22)
286 <223> OTHER INFORMATION: Tryptic peptide found by tandem mass spectrometry
287 in plasma samples of individuals with coronary
288 artery disease
290 <400> SEQUENCE: 6
291 Phe Pro Gly Ala Val Asp Gly Ala Thr Tyr Ile Leu Val Met Val Asp
292 1 5 10 15
293 Pro Asp Ala Pro Ser Arg
294 20
297 <210> SEQ ID NO: 7

VERIFICATION SUMMARY
PATENT APPLICATION: US/10/520,730

DATE: 08/21/2006
TIME: 14:59:48

Input Set : A:\SEQLIST.TXT
Output Set: N:\CRF4\08212006\J520730.raw

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